ABSTRACT

A test fixture for testing and monitoring electromagnetic characteristics of a magnetic resonance imaging ("MRI") system preferably comprises a body portion having a first longitudinal axis and a first coil supported by the body portion. A longitudinal member is preferably connected to the body portion. A second coil is supported by the longitudinal member. The longitudinal member has a second longitudinal axis transverse to the first longitudinal axis. A container for containing a test substance is supported by the longitudinal member within the second coil. The second coil is preferably a transceiver and the test substance is a material capable of emitting a magnetic resonance signal. The longitudinal member is preferably pivotally connected to the body portion and the body portion is preferably telescoping so that the test fixture may be stored in a compact position. Preferably, the test fixture is stored in the gap region in an MRI system. For example, the fixture may be stored in a chamber in a transmitting coil plate attached to a pole of an open MRI system.